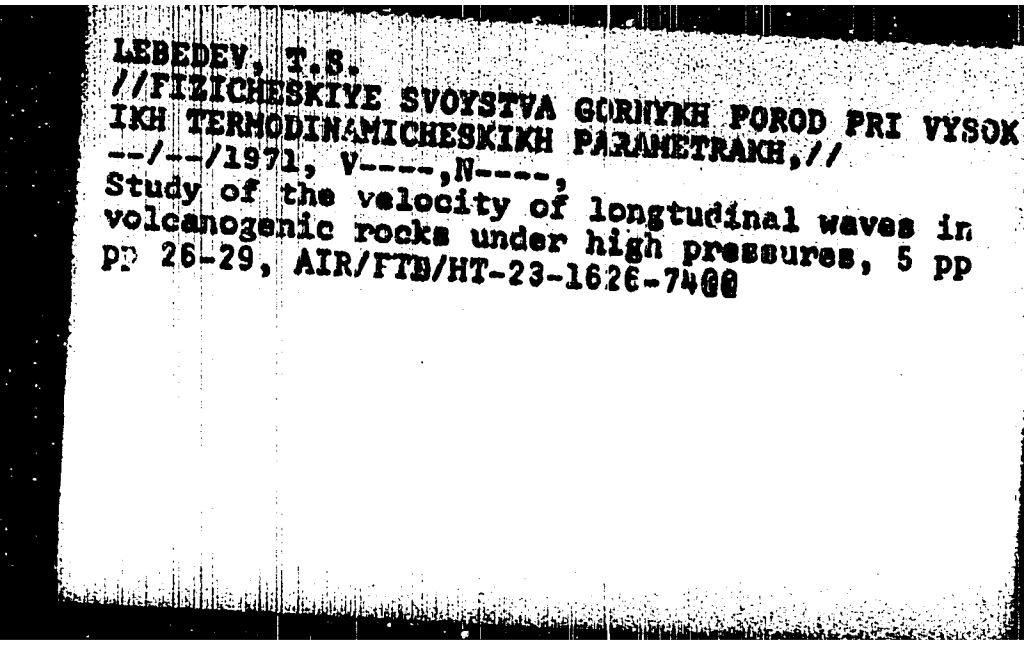
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3



LEBEDEV, T.S.
//FIZICHESKIYE SVOYSTVA GORNYKH POROD PRI VYSOK
IKH TERMODINAMICHESKIKH PARAMETRAKH,//
--/--/1971, V----,N----,
Study of the velocity of longtudinal waves in
volcanogenic rocks under high pressures, 5 pp
pp 26-29, AIR/FTD/HT-23-1626-7400

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

GOLUBKOV, A.V.
//FIZICHESKIE SVOISTVA KHAL'KOGENIDOV REDKOZEMEL'NYKH ELEMENTOV//
--/--/1973,V----,N----,
Physical Properties of the Chalcogenides of the Rare Earth Elements,
book 305 pp, *NTIS-TT-74-52056
AEC-TR-7547, UC-04 @@

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Status, Tasks of Solid State Physics Research Studied, 39 pp.
HUNGARIAN, per, Fizikai Szemle, Budapest, No 1, 1973, pp 11-27.
JPRS 58769

Apr 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Winners of Brody Prize for Physics Listed and Described.
7 pp
FIZIKAI SZEMLE, Budapest, No 3, 1974, pp 87-89.
JPRS 62284

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

RUSSIAN

CSO: 8344/0634
26 Sep 73

Method of producing permanent magnets with a high degree of texture from magnetoanisotropic powders, by Ya. S. Shur, et al.

Sverdlovsk, Fizika metallov i metallovedeniye, Vol 35, No 2, 1973, pp 422-424.

Please publish - include reproductions of graphics.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Studies in Ice Physics and Ice Engineering, by
G. N. Yakovlev, Ed., 189 pp.
FIZIKO-TEKHNICHESKIE ISSLEDOVANIYA L'DA, 1971.
NTIS TT 72-50005

Mar 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

DRESVINA, S. V.
//FIZIKA I TEKHNIKA NIZKOTEMPERATURNOY PLAZMY/
--/--/1972, V----, N----,
Physics and technology of low temperature
plasma 402 pp
pp 1-352 AIR/FTD/MT-24-171-74##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

M. D. Gabovich

Physics and technology of plasma ion sources. 327 pp.
FIZIKA I TEKHNIKA PLAZMENNYKH ISTOCHNOKOV IONOV, 1972,
pp 1-304
AIR/FTD-HT-23-1690-72

apr 73

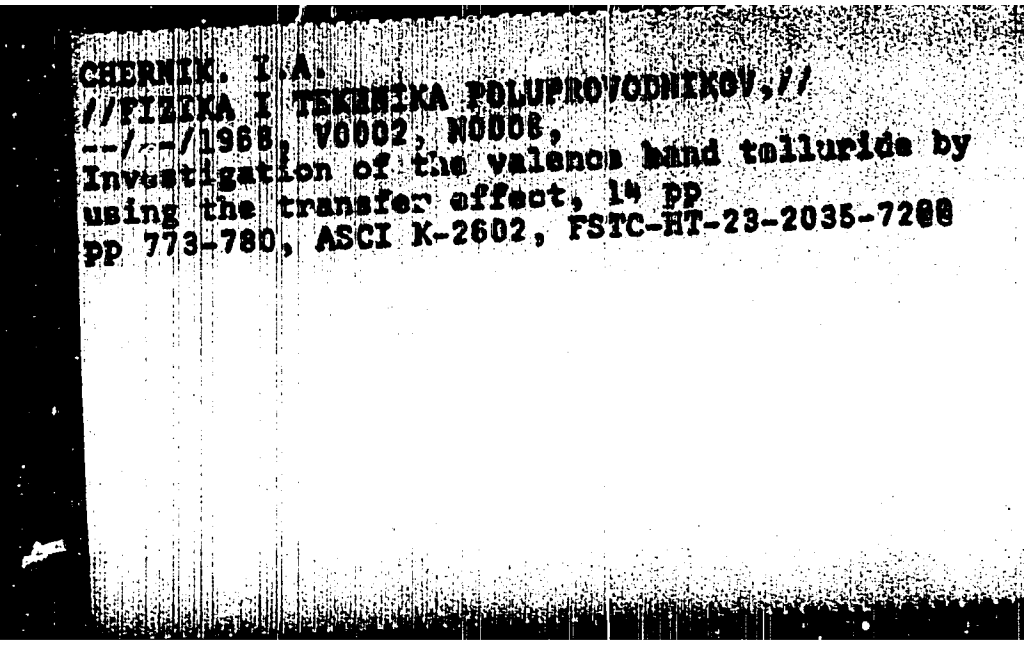
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

KOLOMOYETS,
//FIZIKA I TEKHNIKA POLUPROVODNIKOV,//
--/--/1967, V00001, N00008,
PbTe valence band, 11 pp
pp 1222-1[illegible], ACSI-K-2590, FSTC-HT-23-2039-7200

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3


CHERNIK, I.A.
//FIZIKA I TEKHNIKA POLUPROVODNIKOV,//
--/--/1968, V0002, N0008,
Investigation of the valence band telluride by
using the transfer effect, 14 pp
pp 773-780, ASCI K-2602, FSTC-HT-23-2035-7208

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Uspenskiy, B. A.

Effect of a Small Transverse Perturbation on the Helical Instability in the Oscillistor. FIZ. TEKH. POLUPROV. Vol. 2, No. 10, pp.1436-40, 1968.
A.T.S. RJ-5266

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Landsman, A.P.

Design and Experimental Investigation of a High-Voltage Photoelectric Generator 11 pp

FIZIKA I TEKHNIKA POLUPROVODNIKOV, Vol 4, No 10, 1970 pp 1922-1928

FSTC-HT-23-143-73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

RUSSIAN Comp. Specia 16 pp

CSO: 8144/2060 W
11 April 1973 SF

Sandwich model of the real surface of semiconductors of the silicon and germanium type, by V.G. Litovchenko.

Fizika i tekhnika poluprovodnikov, Vol. 6, No. 5, 1972, pp 802-808.

Ad Hoc
Special type B
Do not publish
Original plus two copies
Make reproductions

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Dragunas, A.K.

Correlation between the spectral parameters of the Mossbauer absorption of y-rays from Te-125 in ternary semiconductor compounds Cu_2XTe_3 (X = Si,Ge,Sn) and the anomalous change in the electronegativity of the series Si-Ge-Sn.

FIZIKA I TEKHNIKA POLUPROVODNIKOV, Vol.7, No.8, pp.1599-1601, 1973.
APL/JHU T-2832

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

8144/2455
15 May 1973

Experimental Technique for the Study of Stress Waves by a Polarization-Optical Method, by G. L. Khesin, 31 pp.
FIZIKO-TEKH PROBLEMY RAZRABOTKI POLEZNYKH ISKOPAYEMYI
No 4, 1970, pp 107-121.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Mazurin, O. V.

Electrical Conductivity of Glasses in the Na_2O-RoO-SiO_2 System.

Fiz. Tverdogo Tela, Vol. 2, No. 7, pp.1477-81, 1960.

A.T.S. RJ-5291

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Rode, V. K.

Concentration dependence of high-field susceptibility of Fe-Ni (and Ni-Fe) alloys.

FIZIKA TVERDOGO TELA, Vol 14, No 2, 1972, pp 625-626

NTC 73-13577-11F

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Fizika Tverdogo Tela, Vol. 14, No.1-12, July 1972.

Cover-to-Cover American Institute of Physics

Available At Ly Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

FIZIKA TVERDOGO TELA, Vol.15, No.1, January 1973.
ENGLISH PAGES: 1-246
RUSSIAN PAGES: 3-330

C/C American Institute Physics
Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

FIZIKA TVERDOGO TELA, Vol.15, No.2, August 1973.
ENGLISH PAGES: 251-467
RUSSIAN PAGES: 337-656

C/C American Institute Physics
Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

FIZIKA TVERDOGO TELA, Vol.15, No.3, September 1973.
ENGLISH PAGES: 471-671
RUSSIAN PAGES: 665 961

C/C American Institute Physics
Avail Ly Ser

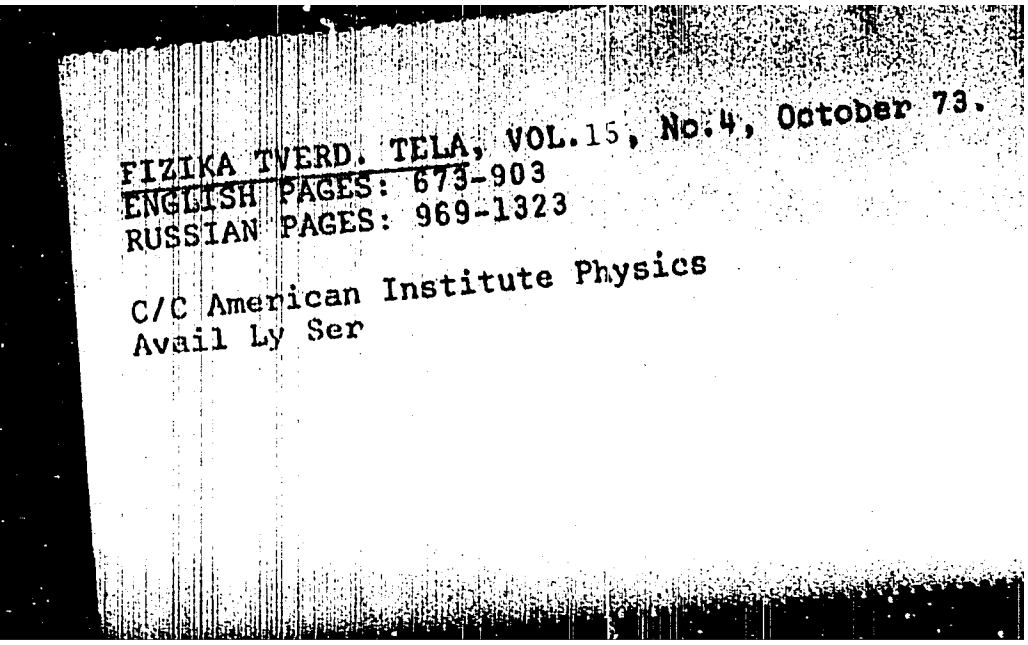
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

FIZ. TVERD. TELA, mol. 15, no. 9, 1973 (Sept.),
PP. 2569-2864
ENGLISH PAGES 1715-1914
C/ C AIP
Avail. LY/SER.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

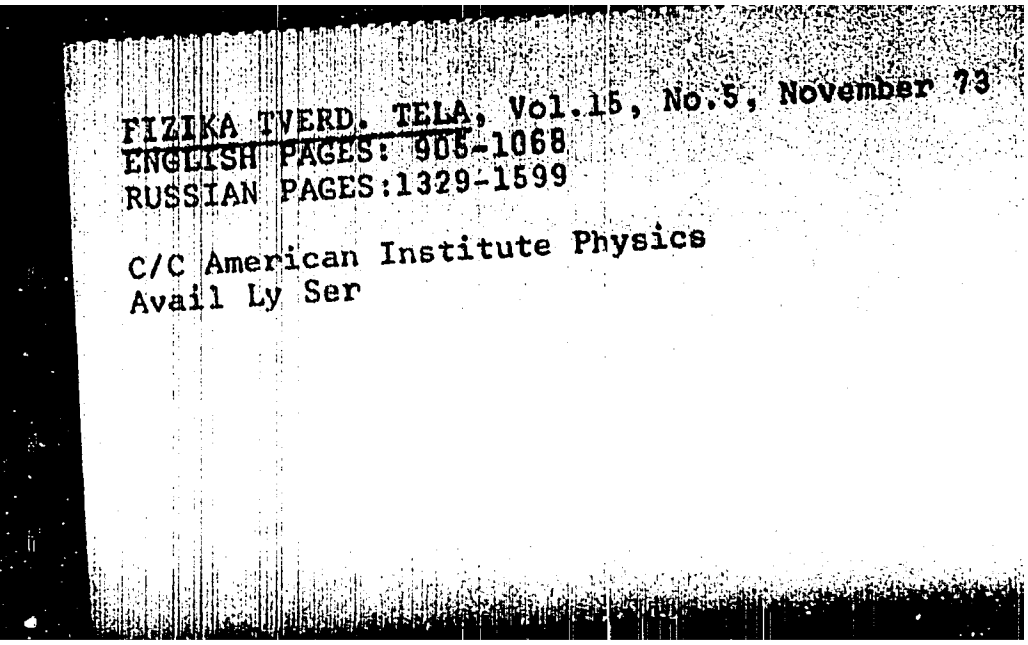


FIZIKA TVERD. TELA, VOL.15, No.4, October 73.
ENGLISH PAGES: 673-903
RUSSIAN PAGES: 969-1323

C/C American Institute Physics
Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

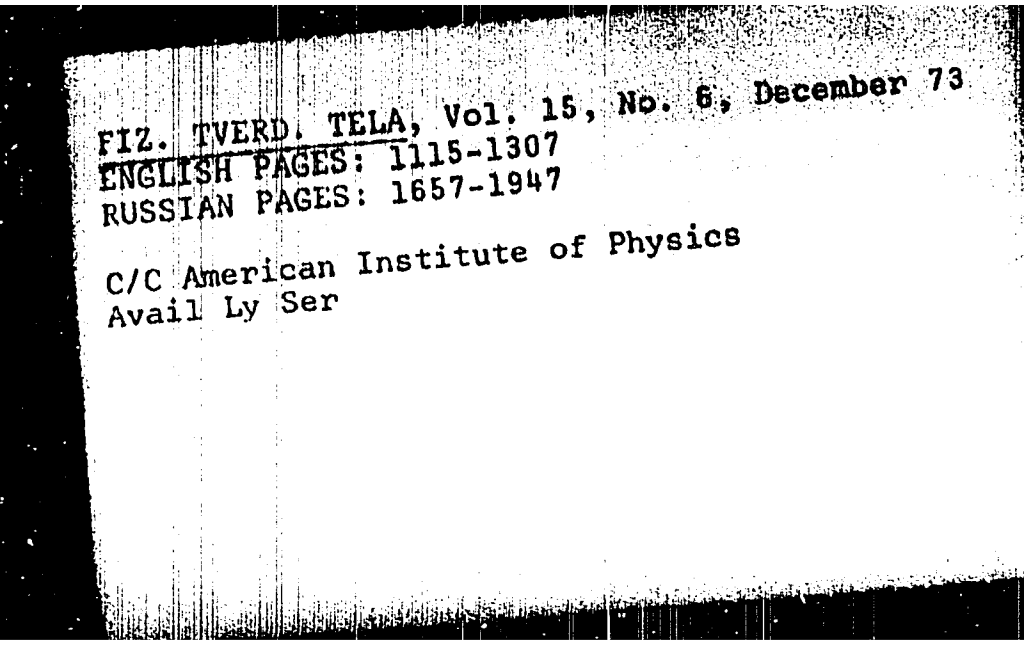


FIZIKA TVERD. TELA, Vol.15, No.5, November 73
ENGLISH PAGES: 905-1068
RUSSIAN PAGES:1329-1599

C/C American Institute Physics
Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3



FIZ. TVERD. TELA, Vol. 15, No. 6, December 73
ENGLISH PAGES: 1115-1307
RUSSIAN PAGES: 1657-1947

C/C American Institute of Physics
Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

FIZIKA TVERDOGO TELA, Vol 15, No 7, Jan 1974
Russian original Vol 15, No 7, July 1973, pp 1953-2259

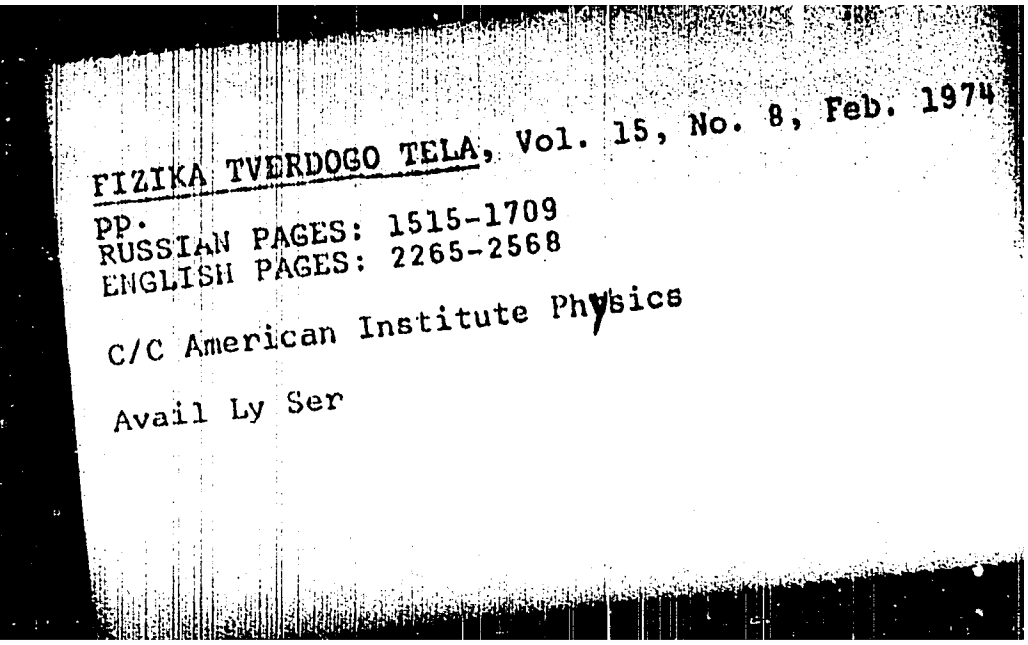
ENGLISH PAGES pp 1309-1514

Full translation AMERICAN INSTITUTE OF PHYSICS

Avail Ly Info

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3



FIZIKA TVERDOGO TELA, Vol. 15, No. 8, Feb. 1974

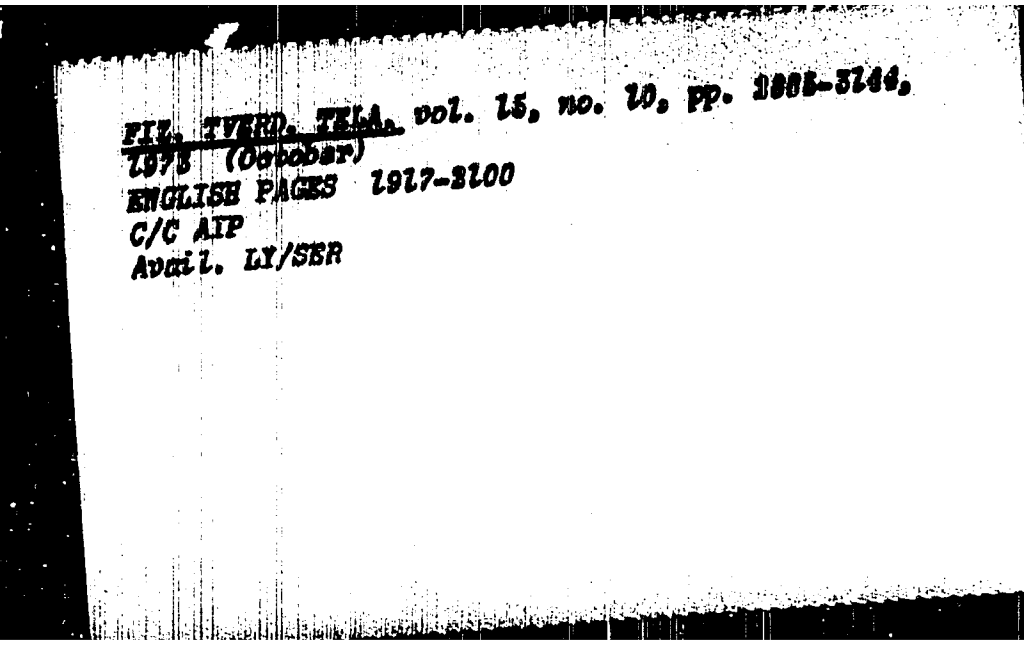
PP.
RUSSIAN PAGES: 1515-1709
ENGLISH PAGES: 2265-2568

C/C American Institute Physics

Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

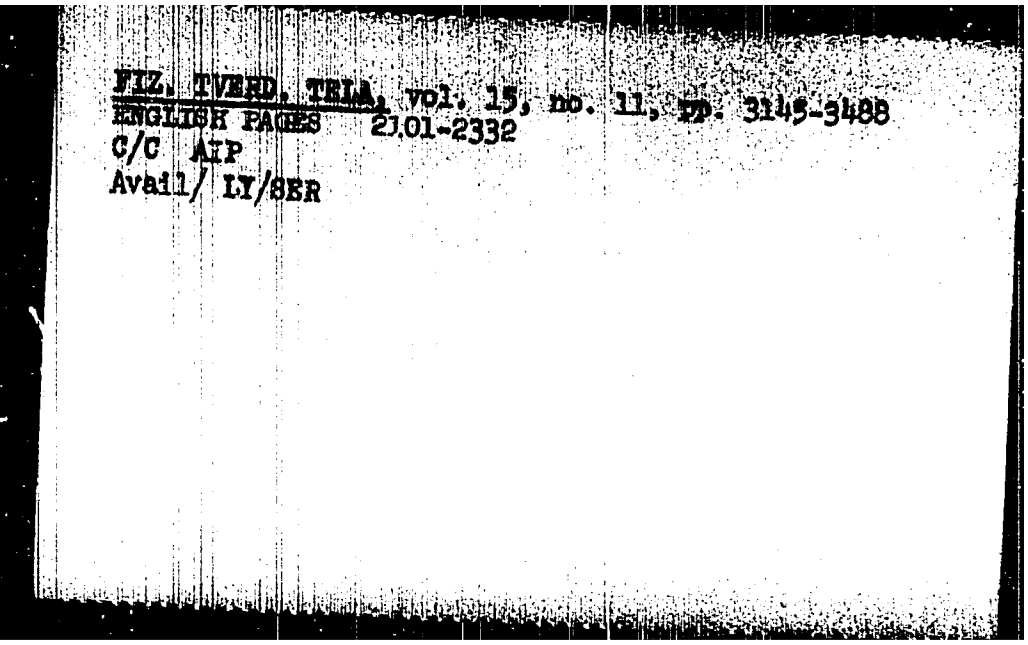
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3



FIZ. TVERD. TELA. vol. 15, no. 10, pp. 2905-2944,
1973 (October)
ENGLISH PAGES 1917-2100
C/C AIP
Avail. LY/SER

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3



FIZ. TVERD. TELA, vol. 15, no. 11, pp. 3145-3488
ENGLISH PAGES 2301-2332
C/C AIP
Avail/ LY/SER

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

REQ TR CHECK 18-06-73 T882

PHYSICS OF CARBONGRAPHITE (SELECTED PORTIONS)
SHULEPOV, S.V.
UR: FIZIKA UGLEGRAFITOVYKH MATERIALOV,
1972, pp. 3-4;73-84;117;124;127;129;
212-229

73-24-0824
HS

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Deribas, A. A.

Physics of Explosive Welding and Strengthening
FIZIKA UPROCHNENIYA I SVARKI VZRYVOM. Nauka. Sibirskoe Otdelenie, Novosibirsk. 1972, pp. 111-187
UCRL-Trans-10874
Available on loan NTC 73-12681-11F

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Kitaigorodskiy, S.A.

The Physics of Air-Sea Interaction.
FIZIKA VZAIMODEISTVIYA ATMOSFERY I OKEANA,
1970, pp.1-237.

Israel Program for Scientific Translations
Jerusalem 1973

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Physics of the Liquid State, Issue No 1 and Subsequent Issues.
FIZIKA ZHIDKOGO SOSTOYANIYA SBORNIK, Vyp I, 1973.
*IPST

May 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Palgov, V. I.

Effect of low intensity noise upon neuroendocrine system of animals. 10 pp. FIZIOLOGICHNYY ZHURNAL, Vol. 13, 1967, 356-362 pp.
AIR/FTD/HC-23-0391-73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Navakatikyan, O.O.

Complex Action of Different Surrounding Temperature, Physical Load and Oxygen - - - 8 pp

FIZIOLOGICHNYY ZHURNAL, Vol 14, No 1, 1968
pp 73-80

*ACSI-K-4751

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

UKRANIAN

Complete Special

CSO: 8355/2293
20 June 1974

Effect of Constant Magnetic Field on the Course of Pregnancy and Progeny Development in Albino Rate, by M.L. Tarakhovskiy, T.D. Zadorozhnaya, et al.

M Kiev, Fiziologichniy Zhurnal, Vol. 15, No 3, 1969, pp 348-355

Special type B
Do not publish
Single spaced draft plus one and include repros

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

MAN"KOVS'KA, I. N.
//FIZIOLOHICHNYY ZHURNAL//
--/--/1973,V0019,N0006, pp 0782-0789
Some Characteristics of Capillarization of Muscle Tissue in Black Sea Dolphins Described 13 pp
JPRS 63790
#

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Tokarenko, I. I.

Characteristics of the blood system of workers in some noisy professions.

FIZIOLOHICHNYI ZHURNAL. KIEV, Vol 16, 1970, pp 330-335

NTC 73-14227-06J

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Makarchenko, A. F.

The hypothalamus and the allergic processes

8 pp

FIZIOLOGICHNYY ZHURNAL, vol. 17, nr. 1, 1971, pp. 3-7

AIR/FTD-HT-23-930-74

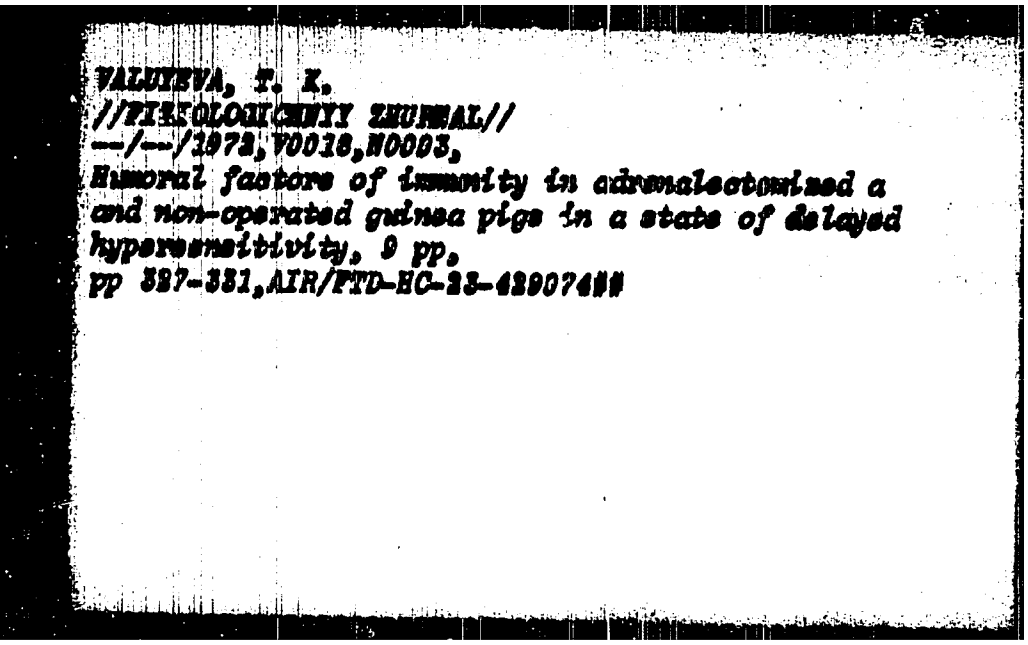
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

MOROZ, V. M.
//FIZIOLOG. ZHURNAL AKAD NAUK UKRAYIN. RSR//
--/--/1972,V0018,N----,
Electrical Responses of the Cat Cerebellar Cortex
to Sound Stimuli, 7 pp.
PP 12-17,#STC-HT-23-329-74
DISTRIBUTION LIMITED TO US GOVT AGENCIES@@

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3


VALUYEVA, T. K.
//FIZIOLOGICHNYY ZHURNAL//
--/--/1972, V0018, N0003,
Humoral factors of immunity in adrenalectomized a
and non-operated guinea pigs in a state of delayed
hypersensitivity, 9 pp,
pp 327-331, AIR/FTD-HC-23-1290744

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Tarakhovs'kiy, M. L.

Effect of Constant and Variable Magnetic Fields on Some Indices of Physiological Functions and Metabolic Processee in White Rats.

10 pp

FIZIOLOGICHNYY ZHURNAL AKADEMIYI NAUK UKRAYINS'KOYI RSR, Kiev, No 4, 1971, pp 452-459.

JPRS 62865

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

RUSSIAN S-0 Spec. 0901 8344/0260 W
3 August 1973

The effect of continuous and alternating field on some indicies of physiological functions and metabolic processes in albino rats, by M.L. Tarakhov'skiy, et al.

Fiziol. zhur. Akad. nauk Ukr. RSR, Vol. 17, no. 4, 1971, pp 452-459.

Special type B
Do not publish
Translator's draft plus one copy

T.D. 10 August 1973

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

A Model for Water Metabolism in the Organism,
by B. Ye. Yesypenko, V. P. Solovyov, 7 pp.
UKRAINIAN, per, Fiziolohichnyy Zhurnal Akademiyi
Nauk Ukrayins'koyi RSR, Kiev, Vol 19, No 1, 1973,
pp 58-62.
JPRS 58796

Apr 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

External Electric Field Recorded Around Animals, Man, by O. S. Velyayev, O. S. Osyennyy, 11 pp. UKRAINIAN, per, Fiziolohichnyy Zhurnal Akademiyi Nauk Ukrayins'koyi RSR, Kiev, Vol 19, No 1, 1973, pp 99-104,
JPRS 58426

Apr 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Faytel'berh-Blank, V. R.

Absorption of Radiophosphorus Across the Synovial Membrane of the Knee Joint Under the Influence of Sinusoidal Modulated Current Pulses.
9 pp
FIZIOLOHICHNYY ZHURNAL AKADEMIYI NAUK UKRAYINS'KOYI RSR, Kiev, Vol 19, No 3, 1973, pp 388-395.
JPRS 62462

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Vedyav, F. P.

Characteristics of Conditioned Reflex and Neurochemical Mechanisms of Negative-Emotional Type Responses.
11 pp
FIZIOLOGICHNIY ZHURNAL ADADEMII NAUK UKRAINSKOI RSR, Kiev, No 6, Vol 19, 1973, pp 730-737.
JPRS 62556

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Tishchenko, M. I.

Measurement of the Stroke Volume by an Integral Rheogram of the Human Body
FIZIOLOGICHESKIY ZHURNAL SSSR, vol. (109) no. 8, Aug. 1973, pp. 1216-1224
NASA TT F-15,268

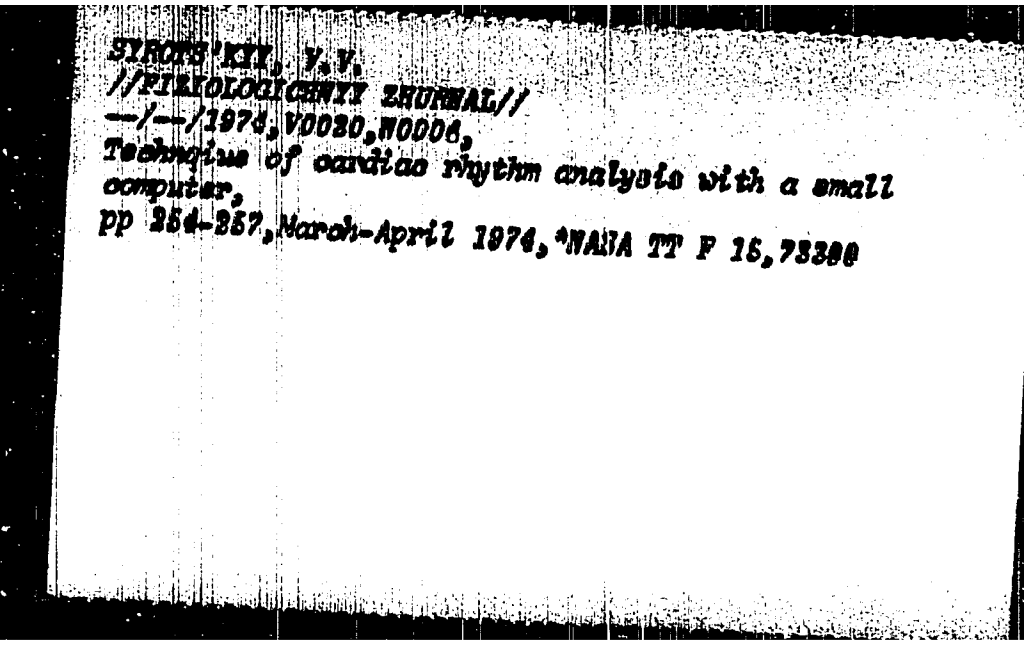
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

SYROTSKYY, V.V.
//FIZIOL ZH.///
--/--/1974, V0020, N0002
Cardiac rhythm computer analysis techniques 9 pp
pp 254-257 NASA TT F 15733 Mar Apr 1974##

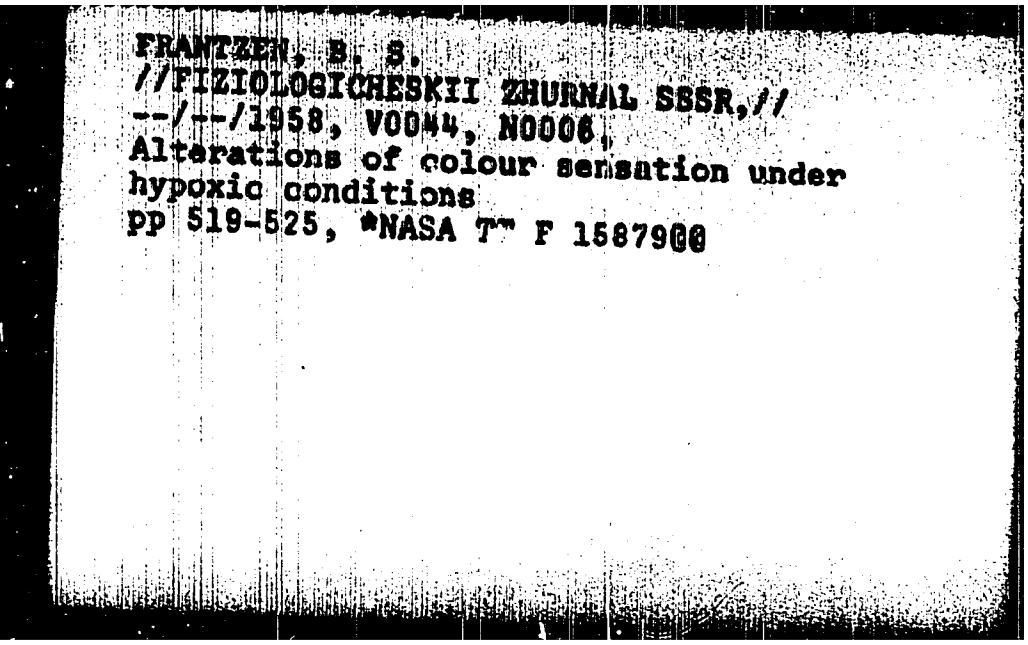
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Aron, M. D.

Techniques of morphologic and electro-physiologic study of the interneuronal synapse in a living object.
FIZIOLOGICHESKII ZHURNAL, v. 50, p. 378-380, 1964.
NTC 73-10905-06P

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Shevel'ko, Ye.A.

Heat Control and Pyrogenic Reactivity of Rats

FIZIOLOGICHESKIY ZHURNAL SSR, Vol 50, No 7, 1964
pp 901-906

*ACSI-K-4750

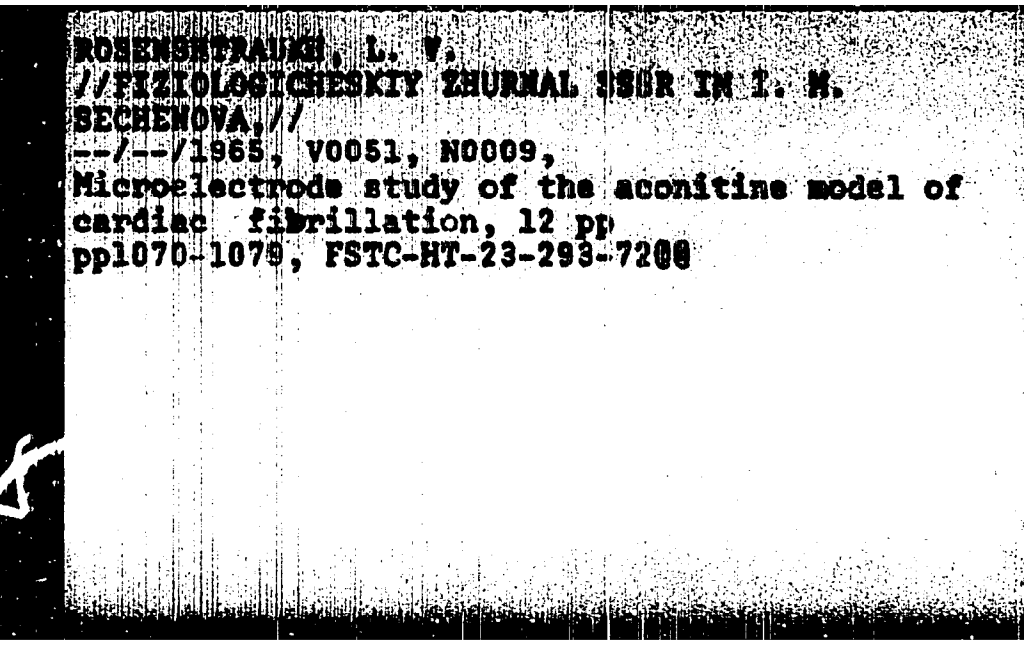
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

IVANOV, K.P.
//FIZIOLOGICHESKIY ZHURNAL SSSR//
--/--/1964,V0050,N0012,
Physiological Mechanisms of Chemical Heat Regulation and Their Characteristics Under Hypoxia
pp 1476-1483, *ACSI-K-487400

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Lukyanova, L. D.

Investigation of the interrelationship between the brain's bioelectric and its oxygen demand under vibration effects.

FIZIOLOGICHESKIY ZHURNAL SSSR, Vol 53, 1967, pp 563-570

NTC 73-13377-06P

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

UNKNOWN
//FIZIOLOGICHESKIY ZHURNAL SSSR IN [redacted]
I.M. SECHENOVA//
--/--/1967,V----,N00OB,
Special Features of Thermoregulation and other
Reactions of Man to Cold Climate Conditions 10 pp
pp 969-973, #ACSI-K-498500

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

DYNAMICS OF INHIBITORY INFLUENCES IN THE AUDI
TORYSYSTEM WITH VARYING DURATION O

MARUSEVA, A. LANGUAGE-RU COUNTRY-UR

FIZIOLOGICHESKIY ZHURNAL SSR IME. "SECHENOVA"
LENINGRAD NO 2 1969 PP153-

FSTC-HT-23-1496-73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Fedorov, V.V.

Characteristics of Bioelectrical Activity of Fibers from the [redacted] Fast and Slow Skeletal Muscles of the Rat 11 pp

FIZIOLOGICHESKIY ZHURNAL, SSSR im. I.M. SECHENOVA, Vol 55, No 5, 1969, pp 588-596

FSTC-HT-23-298-72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Maystrakh, Ye.V.

Theoretical Problems in the Effect of Low Temperatures on the Body

FIZIOLOGICHESKIY ZHURNAL SSSR, Imeni I.M. Sechenova, No 9, 1969, pp 1176-7

*ACSI-K-4752

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Popkov, V. L., et al

Changes in gas metabolism, gas homeostasis, and tissue respiration in rats during prolonged hypokinesia

FIZIOLOGICHESKIY ZHURNAL SSSR, vol. 56, no. 12, 1970, pp. 1808-1812

NASA TT F-15,393

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

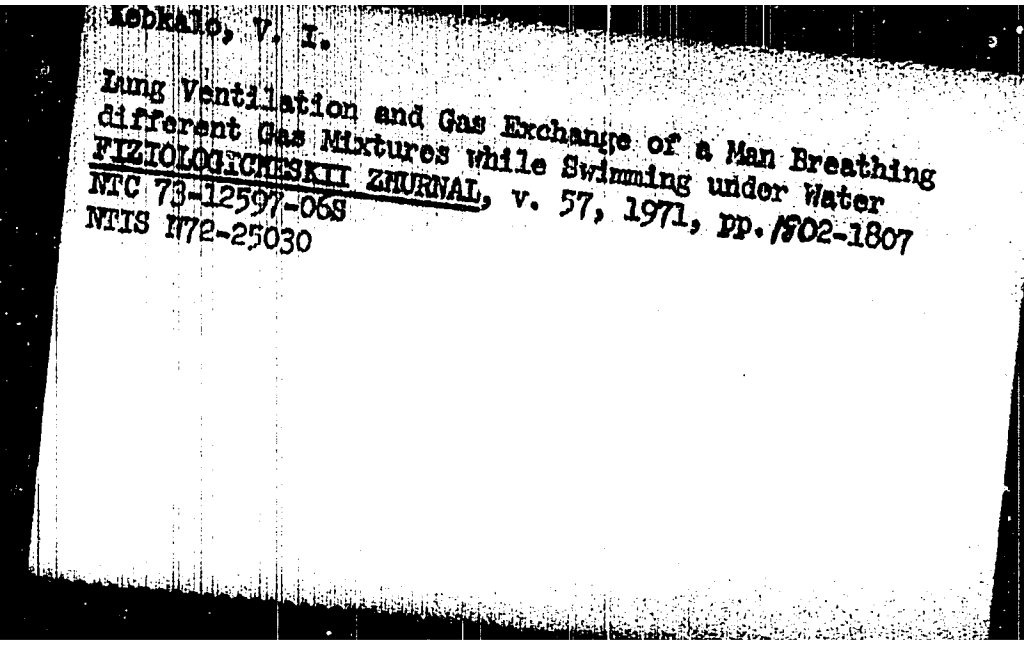
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Lebedeva, V. A.

Sensitivity of interoceptors of the small intestine to some metabolites of the krebs' cycle.
FIZIOLOGICHESKII ZHURNAL SSSR, Vol. 57, 1971, p. 1161-1171
NTC 73-11266-06P

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3



Kobkalo, V. I.

Lung Ventilation and Gas Exchange of a Man Breathing different Gas Mixtures while Swimming under Water

FIZIOLOGICHESKII ZHURNAL, v. 57, 1971, pp. 1802-1807

NTC 73-12597-06S

NTIS N72-25030

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Troshikhin, G. V.

Respiration in an Atmosphere under High Pressure
FIZIOLOGICHESKII ZHURNAL, v. 57, 1971, pp. 1808-1812
NTC 73-12590-06P
NTIS N72-24063

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

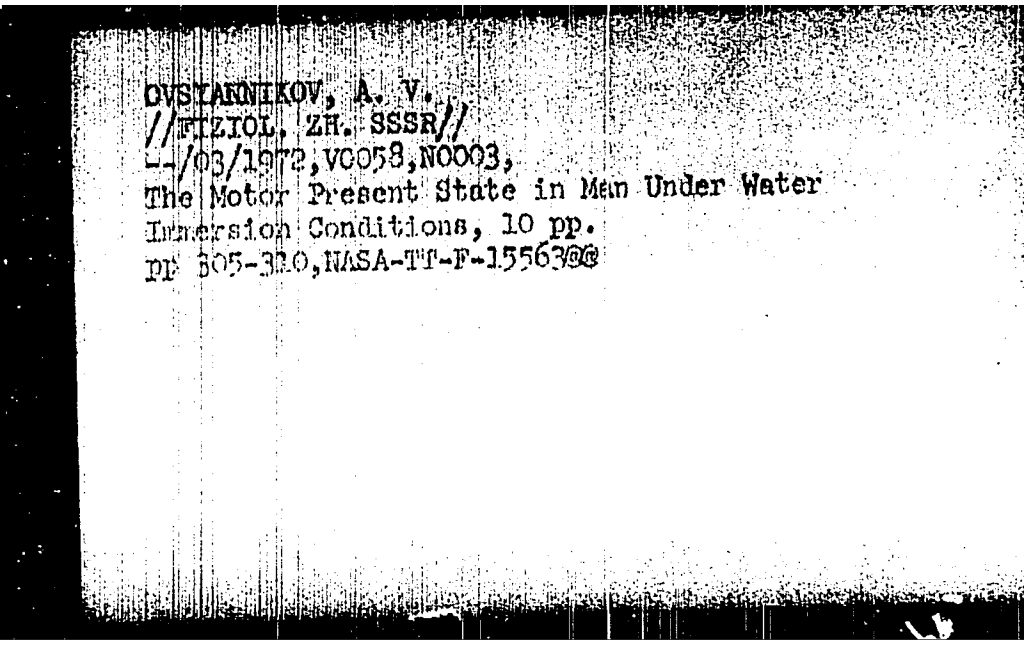
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Zagryadskii, V. P.

Change in Respiration with increasing Hypercapnia
FIZIOLOGICHESKII ZHURNAL, v. 57, 1971, pp. 1820-1822
NTC 73-12685-06P
NTIS N72-24064

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

RUSSIAN

CSO: 8344/1350
24 Jan. 1974

Effect of Increased Oxygen Partial Pressure on the Sympatho-Adrenal and Acetylcholine System,
by N.S. Yremeyev, et al.

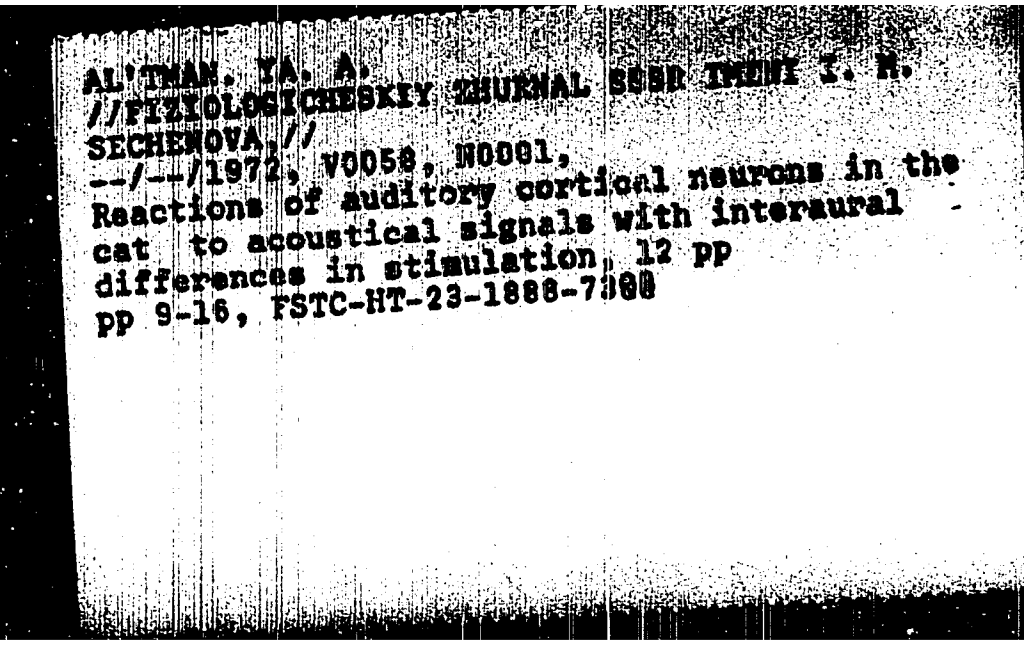
Moscow, Fiziol Zh SSR, Vol 58, No 5, 1972, pp 768-772.

Please publish, include reproductions, document may be clipped.

Please provide JPRC/Ad Hoc with a copy

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3


AL'TMAN, YA. A.
//FIZIOLOGICHESKIY ZHURNAL SSSR IMENI I. M.
SECHENOVA,//
--/--/1972, V0058, N0001,
Reactions of auditory cortical neurons in the
cat to acoustical signals with interaural
differences in stimulation, 12 pp
pp 9-16, FSTC-HT-23-1888-7300

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Glezer, V. D.

A study of receptive fields of neurons of cat's visual cortex as filters of spatial frequency. 16 pp
FIZIOLOGICHESKIY ZHURNAL SSSR, IM. I. M. SECHENOVA,
Vol 59, No 2, 1973, pp 206-214
AIR/FTD-HT-23-264-74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Voluntary Activation of Individual Motor Units in Man, by N. A. Rokotova, Yu. T. Shapkov, 9 pp. RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR im I. M. Sechenova, Leningrad, Vol 54, No 2, 1973, pp 269-275.
JPRS 59057

May 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Reflex Excitability of Spinal Motoneurons of Man Under High Atmospheric Pressure, by A. V. Syrovegin, G. I. Kurenko, 6 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR im I.M. Sechenova, Leningrad, Vol 54, No 2, 1973, pp 344-348.
JPRS 59057

May 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

UKRAINIAN

JPRS 62162

CSO: 8355/2215
10 June 1974

The Permeability of the Synovial Membrane of the Knee-Joint to Radiophosphorus Under the Effect of Pulsed Sjnusoidal Modulated Currents, by Faytel'berg-Blank, et al

Kiev, Fiziologichniy Zhurnal, No 3, 1973, pp 388-395

E Please publish under "Effect of Non-Sonizing Electromagnetic Radiations"

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Changes of Metabolism & Muscle Electrical Activity in Rodents During Thermal Adaptation

FIZIOLOGICHESKIY ZHURNAL SSR IMEMI I.M. SECHENOVA
Vol 58, No 5, pp 754-760

ACSI K-4060

July 1973

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Quantitative Estimation of Kinetics of the Free Radical Processes in the Organs of Animals Under Hypoxia

FIZIOLOGICHESKIY ZHURNAL SSR IMENI I.M. SECHENOVA
Vol 58, No 5, pp 773-778

ACSI K-4061

July 1973

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Shmeleva, A. M.

A rapid method for determining indices of CO_2 transport in man using a capnography and multi-outlet breathing mask

FIZIOLOGICHESKIY ZHURNAL SSR, vol. 59, no. 7, July 1973, pp. 1139-1149

NASA TT F-15443

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Prokhazka, I.

Effect of prolonged Hypokinesia on the Heart Muscle of Rats

FIZIOLOGICHESKIY ZHURNAL SSSR, vol. 59, no. 8, August 1973, pp. 1237-1241

NASA TT F-15,212

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Timbus, Liviu

Work of Romanian Cybernetics Expert Hailed,
5 pp.
FLACARA, Bucharest, 23 Mar 74, p 16.
JPRS 61905

Jul 74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Serious Underemployment Problem Underlies Social Ills, 9 pp.
FRENCH, per, Flash-Infor, Bujumbura, 8 Mar 73, pp 1-11n.
JPRS 58772

Apr 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Rapprochement of Nations Divided by Colonialism, 6 pp.
FLASH-INFOR, Bujumbura, 15 Sep 73, pp 1-4; 17 Sep 73, pp 4-6.
JPRS 60500

Nov 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

National Education Minister Speaks on Secondary School Strikes, 5 pp.
FLASH-INFOR, Bujumbura, 23 Feb 74, pp 5-9 n.
JPRS 61663

May 74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Cooperation Subjects Discussed by Joint Franco-Burundi Commission, 7 pp.
FLASH-INFOR, Bujumbura, 19 Mar 74, pp 1-8 n.
JPRS 61959

Jul 74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

UNKNOWN
//UNKNOWN//
--/--/----, V----, N----
Flat Face 57 pp
pp not given AIR/FTD/Mt-23 1517-7###

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

UNKNOWN
//UNKNOWN//
--/--/----, V----, N----
Flat Face 50 pp
pp not given AIR/FTD/HT-23-1518-74##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

UNKNOWN
//UNKNOWN//
--/--/1---, V----, N----
Flat face 99 pp
pp not given AIR/FTD/HT-23-1519-74##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

UNKNOWN
//DRUID GROVE//
--/--/----, V----, n----
Flat face 83 pp
PP 1-85 AIR/FTD/MT-2[illegible]-1520-74##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

UNKNOWN
//UNKNOWN//
--/--/----, V----, N----
Flat Face 171 pp
pp not given AIR/FTD/HT-23-1522-74##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

UNKNOWN
//UNKNOWN..
--/--/----/ V----, N----
Flat Face 119 pp
pp not given AIR/FTD/Ht-23-1523-74##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

[redacted]

UNKNOWN
//UNKNOWN//
--/--/----, V----, N----
Flat face 169 pp
pp not given AIR/FTD/HT-23-1526-74##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Sielaff, H.

The Commercial Production of Meat/Gravy Dishes (Part II)
18 pp

FLEISCH 25, No. 1, 1971, pp 7-13

FSTC-HT-23-1124-71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

HEINZ, G.
//FLEISCHWIRTSCHAFT//
--/--/1969,V0049,N-----, pp 0613-0619
Bleeding animals by means of system of tubes and the use of blood thus obtained in the preparation of blood plasma
NTC 75-10168-06H
#

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

Gutschmidt, J.

Determination of the storage life of deep frozen foods, particularly meat, meat products and ready-to-serve meat dishes

FLEISCHWIRTSCHAFT, v. 51, n. 3, 1971, pp. 295-299

NTC 73-12912-06H

CSIRO-Trans-11317

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

WIRTH, O. D.
//FLEISCHWIRTSCHAFT//
--/--/1971,V0051,N----, pp 1053-1058
Processing of meat with a low fat content
NTC 75-10165-06H
#

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

HEINZ, G.

A Novel Plant Utilizing the Closed System of Bleeding the Pigs in the Mechanized Abattoir
FLEISCHWIRTSCHAFT, vol. 52, pp. 437-438, 1972
NTC 73-10388-06H

March 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

WYLER, O. D.
//FLEISCHWIRTSCHAFT//
--/--/1972,V0052, N----, pp 0727-0731
Adjuvants and their influence on processing
and qualtiy of meat products
NTC 75-10166-06H
#

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

PASTEURISED MEAT DISHES IN FOIL CONTAINERS FO
R INSTITUTIONAL CATERING

TANDLER K

LANGUAGE-GE COUNTRY-SW

DIE FLEISCHWIRTSCHAFT NR 7 1972 PP 845-850

FSTC-HT-23-0196-74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

1972

Nerad, R., and R. Harm
Method for quantitative determination of diphosphate and tripolyphosphate additives in minced meat (Methode zur quantitativen Bestimmung von zugesetztem Diphosphat und Tripolyphosphat in zerkleinertem Fleisch)
Die Fleischwirtschaft, 9: 1171-1174. In German.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Dept. of Environ., FRBC Halifax Lab., Halifax, N.S., 1973, as Transl. Series No. 2720, 13p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked...

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3

KERSKEN, H.
//FLEISCHWIRTSCHAFT//
--/--/1973,V0053,N----, pp 0939-0940
suitability of cutting-boards under normal
condidtions
NTC 75-10167-06H
#

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100280040-3